

Listing and Amendments to the Claims

This listing of claims will replace all prior listings of claims:

1-7 (cancelled)

8. (Currently Amended) ~~The wireless device in claim 1,~~ A device for wirelessly transmitting and receiving audio and video data, comprising:

means for receiving a transmission stream having data formatted into distinct packets that includes at least one packet identifier and an associated program specific information, including a program association table, a program map table, a conditional access table and a network information table;

means for demultiplexing the program specific information based upon one or more packet identifier assignments to unique transport packets;

means for eliminating transport stream packet headers;

means for reassembling the program specific information in accordance with a real time protocol data flow;

means for encapsulating the real time protocol data flow into one or more internet protocol packets with corresponding multicast addresses; and

means for communicating the reassembled transport stream,

wherein the program specific information contains a flag to indicate that the program specific information is unchanged from a prior transmission.

9. (Currently Amended) ~~The wireless device in claim 1,~~ A device for wirelessly transmitting and receiving audio and video data, comprising:

means for receiving a transmission stream having data formatted into distinct packets that includes at least one packet identifier and an associated program specific information, including a program association table, a program map table, a conditional access table and a network information table;

means for demultiplexing the program specific information based upon one or more packet identifier assignments to unique transport packets;

means for eliminating transport stream packet headers;

means for reassembling the program specific information in accordance with a real time protocol data flow;

means for encapsulating the real time protocol data flow into one or more internet protocol packets with corresponding multicast addresses; and

means for communicating the reassembled transport stream

wherein the program specific information contains a flag to indicate that the program specific information is changed from a prior transmission.

10-15 (Cancelled)

16. (Currently Amended) ~~The computer readable medium for mapping in claim 18;~~ A device for wirelessly transmitting and receiving audio and video data, comprising:

means for receiving a transmission stream having data formatted into distinct packets that includes at least one packet identifier and an associated program specific information, including a program association table, a program map table, a conditional access table and a network information table;

means for demultiplexing the program specific information based upon one or more packet identifier assignments to unique transport packets;

means for eliminating transport stream packet headers;

means for reassembling the program specific information in accordance with a real time protocol data flow;

means for encapsulating the real time protocol data flow into one or more internet protocol packets with corresponding multicast addresses;

means for communicating the reassembled transport stream; and

means for storing said audio and video data, wherein said audio and video data are stored on a computer readable medium in one or more data structures selected from the group comprising one distinct packet that includes at least one first field containing an internet protocol multicast address, a second field representing a program association table and an associated program map table, a third field containing data representing a real time protocol header and a fourth field containing data representing a program;

wherein the program specific information further contains a flag to indicate that the program specific information is unchanged from a prior transmission.

17. (Currently Amended) ~~The computer readable medium for mapping in claim~~
~~18, A device for wirelessly transmitting and receiving audio and video data,~~
comprising:

means for receiving a transmission stream having data formatted into distinct
packets that includes at least one packet identifier and an associated program specific
information, including a program association table, a program map table, a
conditional access table and a network information table;

means for demultiplexing the program specific information based upon one or
more packet identifier assignments to unique transport packets;

means for eliminating transport stream packet headers;

means for reassembling the program specific information in accordance with a
real time protocol data flow;

means for encapsulating the real time protocol data flow into one or more
internet protocol packets with corresponding multicast addresses; and

means for communicating the reassembled transport stream; and

means for storing said audio and video data, wherein said audio and video data
are stored on a computer readable medium in one or more data structures selected
from the group comprising one distinct packet that includes at least one first field
containing an internet protocol multicast address, a second field representing a
program association table and an associated program map table, a third field
containing data representing a real time protocol header and a fourth field containing
data representing a program;

wherein the program specific information further contains a flag to indicate
that the program specific information is changed from a prior transmission.

18-23 (cancelled)